

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002I

Preparation of Metal for Cold Upsetting, by
N. A. Smol'yanikov, I. G. Shushakov, 4 pp.

RUSSIAN, per, Stal, No 12, 1959, pp 1135-1139.

BISI

Sci

Jun 60

118,428

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002I

Multiple Reflections, by S. D. Shushakov, 16 pp.

RUSSIAN, per, Priklad Geofiz, No 20, 1958,
pp 3-25.

AT&T 72129R R5-1816

Sci - Geophys
Sep 59
Vol 2, No 2

98,014

Lactones and Lactams. XXX. 6-Alkyl-3, 4-Dihydropyrone
-2

By N. P. Shushерина and R. Ya. Levina pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3602 - 3607

CB

Sci

Aug 63

344,688

8
δ-Lactones and δ-Lactams, XXIV, The Reduction of δ-eno-
lactones by Lithium Aluminum Hydride, The Preparation
of α -Dihydropyrans, by N. P. Shushereina, I. S. Trub-
nikov, R. Ya. Levina, 3pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1076 - 1078

CB

196, 668

Sci
Apr 62

Multiple Reflected Waves, by S. D. Shushakov, 24 pp.

RUSSIAN, bk, Prikladnaya Geofizika, 1962.

PP
Lib Congress Card No 60-53385

Sci

Sep 62

CIA Lib No TN
269
.P9

Regeneration of Oxythiocarbonate Solutions, by N. I.
Brodskaya, M. I. Gerber, V. P. Todorovich, A. D.
Shusharina, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 11, 1957,
pp 1568-1592.

Consultants Bureau

Sci - Chem

Feb 59

82,158

Investigation of the Rate of Absorption of
Hydrogen Sulfide by Arsenical Soda Liquors, by
M. I. Gerber, V. P. Teodorovich, A. D. Shusharina,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 10,
1958, pp 1478-1483.

CB

Sci - Chem
Nov 59

100,971

Investigation of the Rate of Absorption of
Hydrogen Sulfide by Arsenical Soda Solution,
by H. I. Gerber, V. P. Teyedorovich, and
A. D. Shusharina, 3 pp.

RUSSIAN, par, Zhur Prik Khim, Vol XXXI, No 11,
1958, pp 1624-1627.

Consultants Bureau

Sci

102,230

Dec 59

SHUSHARINA, A. D.

Polarographic Analysis of Sulfur Compounds.
II. Elemental Sulfur and Disulfides, N. I.
Gerber, A. D. Shusharina, Zhur Analit Khim,
USSR, 5, No 5, 262 - 267, 1950. C. A. 44,
10593a, 1950. Approx 2300 words; 10 tables;
8 figures; 6 references. Price \$7100 (\$1.00)

Assocd Services
New Jersey

A 11092
RJ-40

δ Lactones and δ-Lactams XXXIII. Dichlorides
of 3, 4-Dihydropyrid-2-Ones, by N. P. Shusherina,
Khuan Khua-min', 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 9,
1963, pp 2829-2833.

CB

Sci
Aug 64

264,330

δ -Lactones and δ -Lactams. XXII. Nitration of
 δ , δ -Disubstituted 2-Pyrones, by N. P.
Shusharina, N. D. Dmitriyeva, T. F. Kozlova, 3 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXX, No 9,
1960, pp 2829-2831.

CB

170.684

Sci

Sep 61

Cyanethylation of Ketones in the Synthesis of
Unsaturated Lactones. δ -Lactones with a
Heptacyclic Double Bond, by R. Ya. Levina,
N. P. Shushерина, M. Yu. Lurye, and N. D.
Orlova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 279.

Consultants Bureau
~~RECORDED~~

41,491

Sci - Chemistry
Dec 56 CTS

δ -Lactones. XVI. Synthesis of Aryl Substituted
 δ -Enol Lactones, by N. P. Shushерина, I. S.
Trubnikov, R. Ya. Levina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4,
1959, pp 1062, 1063.

Consultants Bureau

Sci

Jun 60

117,863

δ -Lactones. XIII. Synthesis of 6-Methyl-5-Alkyl-3,4-Dihydro- α -Pyromes, by N. P. Shusharina, R. Ya. Levina, Z. S. Sidenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2, 1959, pp 398-402.

Consultants Bureau

Sci

Apr 60

112,320

γ -lactones. XIV. Synthesis of 5-Methyl-5-Alkyl-
 α -Pyrones, by N. P. Shmelevina, R. Ya. Levina,
Z. S. Sidenko, M. Yu. Lur'e, 4 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 403-406.

Consultants Bureau

Sci

Apr '60

112, 321

Cyanethylated Ketones in the Synthesis of Unsaturated γ -Lactones. A New Method of Synthesis of α -Pyrone, by N. P. Shusharina, N. Yu. Lurye, R. Ya. Levina, 4 pp.

RUSSIAN, thrice-wo per, Dok Ak Nauk SSSR, Vol CIX, No 1, pp 117-120. Jul/Aug 1956

Consultants Bureau

56,618

Sci - Chem

Dec 57

δ -Lactones. XI. 9,10-Dibromo-7, β -Benzobexshy-
drocumarin and Its Reactions, by N. P. Shustarins,
R. Ya. Levina, L. V. Komiratyera, 6 pp.

RUSSIAN, per, Zhur Osnov Khim, Vol XXVII, No 8,
1957, pp 2255-2259.

Consultants Bureau

Sci - Chem
Oct 58

74, 214

δ -Lactones. XVII. Synthesis of Aryl- and Alkaryl- α -pyrones, by N. P. Shushерина, R. Ya. Levina, I. S. Trubnikov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, pp 2942-2944.

CB

129,288

Sci

Sep 60

δ -Lactams. X. 9,10-Dibromo-9,10-dihydrocumarin and Its Reactions, by M. P. Smushkina, M. Yu. Iurye, R. Ya. Levina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8, 1957, pp 2250-2254.

Consultants Bureau

Sci - Chem
Oct 58

74, 215

Cyanoethylated Ketones in the Synthesis of Unsaturated
 δ -Lactones. VII. Isomeric Benzotetrahydrocoumarins,
by N. P. Shusharina, R. Ya. Levina, V. I. Zdanovich,
6 pp.

RUSSIAN, as per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2847-2851.

Consultants Bureau

Sci - Chemistry
Mar 58

60,123

Synthesis of Hydrocarbons. XLVII. Synthesis of Cyclohexene and Cyclohexane Hydrocarbons with a Quaternary Carbon Atom on the Basis of 1,3,5-Trimethylcyclohexadiene-1,3, by R. Ya. Levina, Kim Dyay Gir, N. P. Shusherina, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV,
No 4, Apr 55, pp 768-771. CIA C 39500

Consultants Bureau

Scientific - Chemistry
Nov 55 CRB/DEX

28894

β -Lactones. Preparation of Acylated Butyro-lactones from β -Bromo- δ -Keto Acids, by N. P. Shusharina, M. Yu. Iarye, R. Ya. Levina, 4 pp. 1957
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
pp 1084-1087.

Consultants Bureau

Sci - Chem
Aug 58

67, 641

γ -Lactones. Conversion of Dibromides of
Unsaturated γ -Lactones to Bromo-Substituted
5-Keto Acids and their Esters, by R. Ya.
Levina, N. P. Shusharina, M. Yu. Iarye,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 820-823.

Consultants Bureau

Sci - Chem
Aug 58

67, 458

Cyanoethylated Ketones in the Synthesis of Unsaturated δ -Lactones, V. The Synthesis and Properties of Unsaturated δ -Lactones from Monocyanoethylated Acetone and Cyclohexanone by N. P. Shishirina, R. M. Levina, and N. Yu. Lurye, 6 pp.

Full tr

RUSIAN, no pag, Zhur Obshch Khim, Vol XXVI, No 3, 1956, p 790-794.

Consultants Bureau

442,550

Sci - Chemistry
Jan 57 GRS

δ -Lactones. XII. Synthesis and Properties of δ -Phenyl-3,4-Dihydro- α -Pyrone, by M. Yu. Lur'e, I. S. Trubnikov, N. P. Shushерина, R. Ya. Levina, 4 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXVIII, No 5, 1958, pp 1351-1354.

Consultants Bureau

Sci - Chem

Jul 59

93, 31

Synthesis of Hydrocarbons. XXI. Hydrobromides of
Dienes in the Synthesis of Olefins and Paraffins
with a Quaternary Carbon Atom, by R. Ya. Levina
and N. P. Shusherenina, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
USSR, Apr 1952, pp 522-527 522-527

Consultants Bureau

7527

Scientific - Chemistry

Dec 53 CTB

δ -Lactones and δ -Lactams. XXI. Dibromides of
 δ -Enolactams (5, 6-Dibromo-5,6-dialkyl-2-piperidones),
by N. P. Shusharina, A. V. Golovin, R. Ya. Levina,
7 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1762-1768.

CB

Sci
Aug 61

162,609

-Lactones and -Lactams. XXVIII. Dehydrobromination
of Isomeric Benzotetrahydrocoumarin Dibromides, by
N. P. Shushерина, N. D. Dmitryeva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 213-216.

CB

Sci

216,1279

Oct 62

-Lactones and -Lactams. XXVII. Reactions of 5-Bromo-1,6-Dehydropiperidones-2 With Ammonia and Amines, by N. P. Shusherina, R. Ya. Levina, 4 pp.

RUSSIAN, PER, Zhur Obshch Khim, Vol XXXII, No 1, 1962, pp 89-92.

CB

Sci

Oct 62

216,150

Cyanoethylated Ketones in the Synthesis ~~EW~~ of
Unsaturated δ -Lactone~~s~~. II. Synthesis and
Properties of the Unsaturated δ -Lactone from
 γ -Acetylvaleronitrile, by R. Ya. Levina,
N. P. Shusharina, M. Yu. Lurye, 4 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 8,
1954, pp 1439- 1443. CIA C 41477
33, 313

Consultants Bureau

Scientific - Chemistry
Apx 56 CTS/dex

Synthesis of Hydrocarbons. XLV. Synthesis of Cyclohexene and Cyclohexane Hydrocarbons With a Quaternary Carbon Atom, Based Upon 1,3-Dimethyl Cyclohexadiene-1,3., by R. Ya. Levina, N. P. Shusharina, Kim Dyai Gir, E. G. Treshchova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 9, Sep 1954, pp 1551-1557. CIA C 42159.

Consultants Bureau

35,162

Sci - Chemistry

Jun 1956/Dex

3.. Lactones, 3-Bromopyrones-2, by N. F.
Shucherina, N. Ya. Lovina, N. D. Dmitriyeva,
pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,
No 3, 1959, pp 589-.

Consultants Bureau

119,490

ci

un 60

Synthesis of Hydrocarbons. XXXVIII. Synthesis of Alkenes and Alkanes with Two Quaternary Carbon Atoms, by R. Ya. Levina, N. P. Shusharina, N. I. Volchinskaya, M. Yu. Lurye, 4 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 3, Mar 1953, pp 400-402.

Consultants Bureau

13,223

Scientific - Chemistry

δ -Lactones. XVIII. Interaction of 5,6-Dialkyl- α -pyrones With Acetylenedicarboxylic Ester.
New Synthesis of 3,4-Dialkylphthalic Acids, by
N. P. Shusharina, R. Ya. Levina, V. N.
Shestakovskiy, 3 pp.

RUSSIAN, per, Zntr Obshch Khim, Vol XXIX, No 10,
1959, pp 3237, 3238.

CB

Sci

Oct 60

130,594

Synthesis of Hydrocarbons. XVII. Homomesitones
In the Synthesis of Paraffin Hydrocarbons of
Isomeric Structure, by R. Ya. Levina, N. P.
Chasherina, E. G. Treshchova, V. M. Tatevskii,
10 pp.

Full translation.

USSR, per, Zhur Oshch Khim, Vol XXII, No 2,
Feb 1952, pp 199-207.

Consultants Bureau
152 West 42nd Street
New York 18, N. Y.

Scientific - Chemistry

May 53 CTS

1978

Method for Improving the Real Selectivity of Am
Receivers, by V. M. Shushin, A. P. Zelenin, 7 pp.

RUSSLAN, per, Iz Vysshikh Ucheb Zaved MViSSR po
Razdelu Radiotekh, Vol VI, No 3, 1963, pp 311-313.

JPRS 22132

Sci
Dec 63

244,058

Determination of the Content of Bituminous Impurity
in High Purity Elementary Sulfur, by A. N. Aleksyeva,
I. M. Shushkina, 3 pp.

RUSSIAN, per, Zaved Lab, Vol XXVII, No 7, 1961,
pp 611-613.

25A

Sci
May 62

194,704

Evaluating Zooplankton Production, by P. G.
Petrovich, E. A. Shushkina, G. A. Pechen',
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 5, 1961, pp 1235•.

ATBS

Sci

184.557

Feb 62

Structure of Metals and Alloys After Vacuum Heating,
by I. I. Shushpanov,

RUSSIAN, per, Metallurg, Vol XII, No 6, 1937,
pp 31-36.

Brutcher Tr No 3304

Scientific - Min/Metals

13,732

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R-5858-D
14 Sept 65

Geocryology Research
By: Ye. P. Shushrina & S. S. Vyalov
From: University of Moscow Publishing House,
1963 pp 314-348

(35 pp)

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R00021

K

REARRANGEMENT OF SOME ORGANOTIN AND -LEAD
D PEROXIDE COMPOUNDS, BY V. A. SHUSHUNOV, T. G.
BRILKINA, 4PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 6, 1961, PP 1391-1394

CB

SCI

205,835

AUG 62

Shushunov, V. A. and Shlapnikov, Yu. A.
KINETIC METHOD OF PHYSICAL CHEMICAL
ANALYSIS. III. KINETIC REACTION OF THE
TERNARY ALLOYS Na + Pb + Mg WITH THE VAPORS
OF ETHYL CHLORIDE. [1963] 10p. (figs. omitted)
7 refs.

Order from OTS or SLA \$1.10 63-16041

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1948,
v. 22 [no. 2] p. 157-160.

DESCRIPTORS: *Phase studies, Chemical analysis,
*Sodium alloys, *Lead alloys, *Magnesium alloys,
*Ethanes, Chlorides, Vapor pressure, Ethyl radicals,
Lead, Synthesis (Chemistry), Reaction kinetics.

It was established that the addition of magnesium to
NaPb alloy does not modify the character of the kinetic
curves of the reaction forming tetraethyllead. The
(Chemistry--Physical, TT, v. 10, no. 6) (over)

63-16041

I. Shushunov, V. A.
II. Shlapnikov, Yu. A.
III. Title: Kinetic...

1844554

Office of Technical Services

The Reversibility of the Decomposition of Benzoyloxy Radicals in Solutions, by V. A. Shushunov, Yu. A. Aleksandrov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 632-634.

CB

Sci

May 61

154,092

Conversion of Cyanides of Certain Metals into Their
Cyanamides, by V. A. Shushunov, A. M. Pavlov,
K. G. Fedyakova, 8 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 11,
1956, pp 1637-1643.

Consultants Bureau

Sci " Chem

59,404

Mar 58

Mechanism of the Chemical Processes Taking
Place in Cyaniding Bayhs, by V. A. Shushunov,
6 pp.

RUSSIAN, per, Zhur Frik Khim, Vol XXXI, No 9,
1958, pp 1371-1375.

Consultants Bureau

Sci - Chem

Sept 59

97439

The Kinetics of the Formation of Calcium
Hydride, by V. A. Shushunov, A. I.
Shafyev, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, 1952,
pp 672-679.

AEC Tr 3220

Sci - Physics
Jun 58

65,944

The Kinetics of the Reaction Between Calcium and Hydrogen, by V. A. Shushunov, I. A. Shafyev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXVIII, 1951, pp 1181-1184.

AEC Tr 3232

Sci - Physics
Jun 58

65,952

The Chain Reaction of Carbon Tetrachloride With
Isopropyl Alcohol Initiated by Acetylated and
Benzoylated Hydroperoxides of 1-Hydroxycyclohexanone,
by G. A. Mal'yskaya, B. N. Moryganov, G. A. Razumov,
V. A. Shurshunov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1981-1985.

Consultants Bureau

53-025

Sci. - Chemistry
Nov 57

The Decomposition of Cumene Hydroperoxide
Catalyzed by KU-2 Cation-Exchange Resin, by
G. A. Razuvayev, V. A. Shushunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 5, 1961, pp 1123-1131.

CB

Sci

200,805

Jun 62

Shushunov, V. A. and Baryshnikov, Yu. N.
KINETICS OF REACTION OF Na-Pb AND K+Na-Pb
ALLOYS WITH ETHYL CHLORIDE VAPORS. [1963]
23p (titles continued) 6rads
Order from OTS, SLA, or ETC \$2.60 TT-64-14698

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1963,
v. 37, no. 6, p. 880-889.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14698

I. Shushunov, V. A.
II. Baryshnikov, Yu. N.

1105000

Office of Technical Services

Kinetics of the Photochlorination Reaction of Benzene, by V. A. Shushunov, G. M. Strongin, Y. I. Gryzin, A. V. Kukanov, 8 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXV, No 4, 1951, pp 404-408.

SIA Tr R-561

49,941

Sci - Chem
Jul 57

The Kinetics of Acid-Catalyzed Decomposition of
Arylalkyl Hydroperoxides, by V. A. Shushunov,
Yu. A. Shlyapnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1959, pp 341-

Consultants Bureau

Sci

Aug 60

126, 517

(FDD 25309)

Kinetics of the Reaction of Calcium With Nitrogen,
by V. A. Smishkinov, Yu. N. Baryshnikov, 20 pp.

RUSSIAN, no par, Zhur Fiz Khim, Vol XXVII, No 5,
Moscow, 1953, pp 703-712

CIA/FDD/U-7494 RT-3203

USSR
Sci - Chemistry, physical

29,677

Influence of Certain Factors on the Rate of Oxidation
of Cumene by Oxygen and on the Yield of Cumene Hydro-
peroxide, by V.A. Shushunov, B.A. Redoshkin, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 4, 1962,
pp 832-838.

CB

Sci

Feb 63

232, 716

Kinetics of Thermal Decomposition of Cyanamides of
the Alkali and Alkali Earth Metals, by V. A. Shushunov,
A. M. Pavlov, 4 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 9,
1955, pp 934-938. CIA C 42516

35,769 Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Isotopic Exchange of Carbon Between Solid Carbonates
of Lithium, Sodium, Potassium, Barium Gaseous
Carbon Dioxide, by V. A. Shushunov, and co-workers.
7 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXX, No 2,
1956, pp 321-328. 934 7639

Tech and Comm Tr

Sci - Chemistry

37, 265

Aug 56 CIS/Dex

Effect of Sodium Chloride Additions on the Thermal Decomposition Rate of Cyanamides of the Alkali Earth Metals, by V. A. Shushunov, A. M. Pavlov, et al.

RUSSIAN, no par, Zhur Prik Khim, Vol XXVIII, No 11, Nov 1955, pp 1161-1164. CIA C 43056

Consultants Bureau

Sci - Chemistry

36, 895

Aug 1956

A New Kind of Topochemical Reactions, by M. B.
Neiman, V. A. Shushunov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LX, No 8, 1948, pp 1347-1350.

Sci Mn Lib 50/3022

Scientific - Chemistry

A-8443

38,015

ATD-34511K

A Kinetic Method of Physicochemical Analysis.
II. Kinetics of the Reaction of Tinsodium
Alloys With Ethyl Bromide Vapor, by M. B.
Neyman, V. A. Shushunov, 30 pp.

RUSSIA, no per, Zhur Fiz, Khim, Vol XXII,
No 2, 1948, pp 145-155.

Sci Tr Center
RT-3924 37,879

Sci - Chemistry

Aug 1956

The Kinetic Isotopic Effect in the Reactions i of
Hydrogen and Tritium With the Oxides of Certain
Metals, by V. A. Shushunov, B. Ya. Andreyev, 6 pp.

RUSCIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 689-.

Consultants Bureau

Sci - Phys

Sep 59

97658

Synthesis of Potassium, Sodium, and Calcium Cyanamide, by V. A. Shushunov, A. M. Pavlov,
4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII,
No 1, USSR, Jan 1955, pp 98, 99. CIA D 151338

D 25/169

Consultants Bureau

Scientific - Chemistry

OTS 69/Jun 55

24,569

Thermal Decomposition of Potassium and Sodium
Cyanamide, by V. A. Shushunov, A. N. Pavlov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XXXIX, No 6, 1953, pp 1033-1036.

CIA/PDD/X-1365

Scientific - Chemistry
CIA/DEX

12,674

An Investigation of Particle-like Solutions
of a Nonlinear Scalar Field Equation, by V. B.
Glasko, F. Ierust, Ya. P. Terletskii, S. F.
Shushurin, 4 pp. Ya.

RUSSIAN, per, Zhur Ekspер i Teoret Fiz,
Vol. XXXV, No 2(8), 1958, pp 552-557.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 2

Sci - Phys

84, 154

Apr 59

Choice of Parameters for Design Calculations of Low Head Axial Hydroturbines,
by A. E. Shusko,
RUSSIAN, per, Trudy Laboratori Gidrav-
licheskikh, No 11, 1964, pp 116-128.
NLL RIS 2354

60

A. E. Shusko

Sci-Engr
Jul 66

304,352

F. I. Siuspijanov

The thermal conductivity of gases at high temperature.

35 pp

RUSSIAN, Zhurnal eksperimental'noy i teoreticheskoy

fiziki, Vol 5, No 9, 1935, pp 870-889

AIR/FTD-IT-25 24-1597-71

oct 8 72

Decompression Changes in Blood, by V. Shust, 6 pp
RUSSIAN, per, Fiziol. Zhur SSSR imeni I. M. Sechenova,
Vol XLVI, No 5, 1960, pp 618-622

Pergamon Press

Sci
Nov 60

132,938

Operation of Jet Airplanes on Dusty Airdromes,
by V. Shust, 5 pp. UNCLASSIFIED

RUSSIAN, per, Vest Voz Flota, No 7, Jul 1954,
pp 51-56, Encl to AFON-1A1 Report IR-217-55,
17 Mar 1955. CIA D 191948

AF 657300

24,266

USSR
Military

Jun 55 CTS/MEK

Disappearance of Sulfate From Water of Devonian
Deposits, by N. D. Shustef.

RUSSIAN, per, Neft Khoz, Vol XXXII, No 12, 1954,
pp 36-39.

Tech and Commercial Tr
2135 Spruce Street,
Philadelphia 3, Penn.

Scientific - Chemistry; *Fve/s*
CTS 75/Dec 55

29, 211

PRESSING PROBLEMS CONCERNING THE ECONOMIC
EFFECTIVENESS OF CAPITAL INVESTMENT AND NEW
TECHNOLOGY, BY A. BARTER, 10 PP.

RUSIAN, PER, VERNEST ECONOMICS, MARCH, 1963,
1963, PP 156-160.

JPS 1969

CLASS
ECON

260,201

Intratracheal Administration of Penicillin
in Pulmonary Sarcosporidiosis by A.Ya.Shuster
and A.Ya.Verbnayakova

RUSSIAN, no per, Voyenno Med Zhur, No 6,
Moscow, Jun 1958, pp 20-25

US JPRS(NY) 866

Sci - Medicine
Dec 58

77,290

Recent Problems in Pneumatic Installations
From the Technological Viewpoint, by K.
Shuster, H. Kleninger.

GERMAN, per, Bauwelt, Vol XCVIII,
No 37, 1958, pp 685-687.

CAIRO

207, 658

Sci- Engr
Jul 62

(FDD 20167)

or

The Concentration/Cretine-Phosphoric Acid Content in
Brain Tissues During Death and Subsequent Revivifi-
cation, by M. I. Shuster, 14 pp.

RUSSIAN, bimo per, Arkh Patol, Vol XIV, No 2, Moscow,
Mar/Apr 1953, pp 55-60.

CIA/FDD/U-5914

USSR

Sci - Med

15,292

May 54 CIS

~~RM~~ The Problem of the Presence of Devitrite in
Foam Glass, by R. L. Shuster, T. P. Polyakova,
6 pp.

RUSSIAN, bk, Trudy Inst Stroitel'stva i
Stroymaterialov, No 2, Iz Ak Nauk SSSR, Alma-
Ata, 1959, pp 163-166. 9683276

PTD-TT-63-275

234,555

Sci-Chem
Jun 63

Resistance to Vibrations of a Hydrostatic Thrust Bearing, by S. A. Sheinberg, V. G. Shuster, 5 pp.

RUSSIAN, par, Starki i Instrument, Vol XXVI,
No 11, 1960, pp 23-27.

PERA

Sci

May 61

15-1, 330

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002

(FDD 25440)

The Epidemiology of Exanthematous Typhus, by I. B.
Shusterman, A. I. Namov, Ye. S. Zhuravleva, 4 pp.

RUSSIAN, no per, Zbir Mikrobiol, Epidemiol i
Immunobiol, No 6, 1955, pp 102,103.

CIA/FDD U-8600

37.796

USSR

Sci - Medicine, exanthematous typhus

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002

The Approximate Solution of the Equation of
Phase of Oscillation of a Vacuum-tube Oscillator
With Applied External e.m.f., by A. N.
Shusterovich, 13 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V,
No 4, 1960, pp 568-577.

PP

164,494

Sci

Ang 61

Approximate Solution of the Differential
Equation of an APC Circuit for the Steady-
State Condition, by A. N. Shusterovich,
7 pp.

RUSSIAN, per, Radiotekh i Elektron, No 5,
1962.

AIEE

Sci

Jan 63

220,280

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002I

Impulse Hyperbolic System, by M. I. Finkel'shtein,
A. N. Shusterovich, 15 pp.

RUSSIAN, per, Radio-Navigation, pp 55-68.

ATIC F-TS-8123

Scientific - Aeronautics

CTS/DEX

CIA 1711976

A 2567

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0002I

On the Steepness of the Forward Front of an
Impulse Created by Several Forming Circuits,
by An. M. Shnaterovich, 5 pp, (AF 640651).

RUSSIAN, bim per, Radiotekhnika, No 4,
Jul/Aug 1954, p 74. CIA V 6150

ATIC P-78-8442/V

Scientific - Electronics 34, 990

Jun 56 CMS/dex

Estonian SSR, by N. I. Shustikov, 17 pp.

RUSSIAN, Transcript of Paper Read in School,
Party Propagand School of the Central Executive
Committee, Communist Party of the Soviet Union,
1955.

OCE Tr 13

URSSR
Geographic

43, 871

Functions of the Frontal Lobes, by N. A. Shustin,
4 pp.

KURGAN, pub. Fiz Znur SSSR im I. M. Sechenova,
Vol XLIV, No 11, 1958, pp 1087-1090.

Pergamon Inst

Sci - Med
Mar 59

82,734

Materialistic and Idealistic Concepts of the Nature
of Voluntary Reactions, by N. A. Shustin, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,
Vol XLVII, No 10, 1961.

Elsevier Pub Co

Sci

Nov 62

216,360

The Imitative Motor Reflex, by N. A. Shustin
6 pp

RUSSIAN, per Fiziol Zhur SSSR, imani I. M.
Sechenova, Vol XLVI, No 2, 1960, pp 159-161

PP

Sci

Oct 60

130168

"Физиология функций мозга и мозжечка у мыши-альбиноса-носога. (Evolution of the Function of the Cerebellum and Large Cerebral Hemispheres.)", by A. I. Karamyan (Reviewed by N. A. Shustin), 4 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova, Vol 5, 1957, pp 457-484.

Pergamon Institute

Sci - Med
May 58

63,643

S-235/60

(NY-3839).

The Use of Hypothermy in Neurosurgical Operations,
by B. A. Samotokin, A. B. Gorbatshevich, V. A.
Shustin, 9 pp.

RUSSIAN, per, Voprosy Neyrokhirug, Vol XXIII, No 1,
1960, pp 21-26.

JPRS 2725

Sci - Med
Jun 60

117,057

The Electronic Structure of Perrininium
Cation and of Other Aromatic Metal Com-
plexes, by E. N. Shustorovich, M. E.
Iyatkina.
RUBRIAM, per, Doklady Akademii Nauk SSSR,
Vol. 133, No 1, 1960, pp 141-143.
SIA TT-66-10649

E. N. Shustorovich

Sci-Chem
Jul 66

305,565

I. Valency States of the Elemtns of the First
Transition Period in Bis-Cyclopentadienyl
Compounds, by E. M. Shustorovich,
M. E. Dyatkina, 18 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 12, 1958, pp 2721-2735.

AEC-tr-4460
PL-480

206,598

Sci
Aug 62
PST-382

The Molecular Orbitals Of Dibenzene-Chromium Ferrocene And Cobaltic Cation Complex, by E. M. Shustorovich, M. E. N. Dyatkina.

RUSSIAN, per, Akademiya Nauk SSSR. Doklady., 1959.

~~pp~~ 1234-1237
SLA TT-65-18052

E. M. Shustorovich

544,890

Calculation of the Ground States of Dibenzenechromium
the Cobalticinium Cations, and Chromocene by the
Self-Consistent Molecular Orbital Method, ~~by~~
by E. M. Shustorovich, M. E. Dyatkina, 9 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol II,
No 1, 1961, pp 49-58.

CB

Sti
Jun 62

200,165

The Valency States of the Central Atoms in
Aromatic Complexes Formed by Metals, by
M. E. Dyatkina, E. M. Shustorovich, 7 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 2,
1959, pp 402-416.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106,575

The Valency States of the Central Atoms in
Aromatic Complexes Formed by Metals, 3 p.
by E. N. Shustorovich, M. E. Dyatkina,
RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 553-558.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106, 545

Molecular Orbitals of $\text{Cr}(\text{C}_5\text{H}_5)_2$ (Dibenzenechromium) $\text{Fe}(\text{C}_5\text{H}_5)_2$ Ferrocene or Biscyclopentadienyliron²⁺ and $\text{Co}(\text{C}_5\text{H}_5)_2$ (Biscyclopentadienylcobalt Ion), by E. M. Shustorovich, M. E. Dyatkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6, 1959, pp 1234-1237.

Consultants Bureau

Sci

1026, 588

Sen 60

Synthesis of 7-Cyano-2,6-dimethyl- and 2,3,6-Trimethylheptadienes-2,6, The Nitriles of Geranic and 3-Methylgeranic Acids, by I. K. Sarycheva, E. M. Shustorovich, G. A. Vorob'yeva, N. A. Preobrazhenskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959,
pp 1189-1191.

Consultants Bureau

Sci

Jun 60

117,657

Calculation of Two-Centre Molecular Integrals
Including d-orbitals, by E.M. Shustorovich, M.E.
Dyatkina, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, No 3, 1960, pp 644-650.

Cleaver-Hume Press

135,269

Sci
Jan 61

The Molecular Orbital Self-Consistent-Field Determination of the Ground State of Ferrocene, by E. M. Shustorovich, M. E. Dyatkina, 13 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 1, 1960, pp 109-121.

CB

Sci
Jul 61

157, 534